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PTO/SB/05 (4/98)
Approved for use through 09/30/2000 OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 6407.US.P2
First Inventor or Application Identifier Pradip Mukerji et al.
Title ELONGASE GENES AND USES THEREOF
Express Mail Label No. EL 507 363 462 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 143]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 66]
4. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity Statement(s) filed in prior application (PTO/SB/09-12) ☐ Status still proper and desired
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Other: See 1 in Addendum

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 09/379,095
Prior application information: Examiner Unknown Group / Art Unit: 1633

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Steven F. Weinstock				
	Abbott Laboratories				
Address	D-377 / AP6D-2				
	100 Abbott Park Road				
City	Abbott Park	State	Illinois	Zip Code	60064-6050
Country	United States of America	Telephone	(847) 935-1729	Fax	(847) 938-2623

Name (Print/Type)	Cheryl L. Becker	Registration No. (Attorney/Agent)	35.441
Signature		Date	7/11/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$1904.00)

Complete if Known

Application Number	
Filing Date	July 24, 2000
First Named Inventor	Pradip Mukerji et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	6407.US.P2

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 01-0025
Deposit Account Name: _____

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760 201 380	Utility filing fee		690.00
106 310 206 155	Design filing fee		
107 480 207 240	Plant filing fee		
108 760 208 380	Reissue filing fee		
114 150 214 75	Provisional filing fee		

SUBTOTAL (1) (\$ 690.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
60	-20** = 40	X 18.00	= 720.00
6	-3** = 3	X 78.00	= 234.00
Multiple Dependent		260.00	= 260.00

**or number previously paid, if greater. For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18 203 9	Claims in excess of 20	
102 78 202 39	Independent claims in excess of 3	
104 260 204 130	Multiple dependent claim if not paid	
109 78 209 39	** Reissue independent claims over original patent	
110 18 210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 1214.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65	Surcharge - late filing fee or oath		
127 50 227 25	Surcharge - late provisional filing fee or cover sheet		
139 130 139 130	Non-English specification		
147 2.520 147 2.520	For filing a request for reexamination		
112 920* 112 920*	Requesting publication of SIR prior to Examiner action		
113 1,840* 113 1,840*	Requesting publication of SIR after Examiner action		
115 110 215 55	Extension for reply within first month		
116 380 216 190	Extension for reply within second month		
117 870 217 435	Extension for reply within third month		
118 1,360 218 680	Extension for reply within fourth month		
128 1,850 228 925	Extension for reply within fifth month		
119 300 219 150	Notice of Appeal		
120 300 220 150	Filing a brief in support of an appeal		
121 260 221 130	Request for oral hearing		
138 1,510 138 1,510	Petition to institute a public use proceeding		
140 110 240 55	Petition to revive - unavoidable		
141 1,210 241 605	Petition to revive - unintentional		
142 1,210 242 605	Utility issue fee (or reissue)		
143 430 243 215	Design issue fee		
144 580 244 290	Plant issue fee		
122 130 122 130	Petitions to the Commissioner		
123 50 123 50	Petitions related to provisional applications		
126 240 126 240	Submission of Information Disclosure Stmt		
581 40 581 40	Recording each patent assignment per property (times number of properties)		
146 760 246 380	Filing a submission after final rejection (37 CFR 1.129(a))		
149 760 249 380	For each additional invention to be examined (37 CFR 1.129(b))		
Other fee (specify) _____			
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Typed or Printed Name: Cheryl L. Becker

Signature: _____

Date: _____

Complete (if applicable)

Reg. Number: 35.441

Deposit Account User ID: _____

Addendum

1. - Express Mail Certificate
- (Unexecuted) Declaration and Power of Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Pradip MUKERJI *et al.*

Serial No.:

Filed: July 24, 2000

Group No.:

Examiner:

For: ELONGASE GENES AND USES THEREOF

Assistant Commissioner for Patents

Box Patent Application

Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Number EL 507 363 462 US

Date of Deposit July 24, 2000

I hereby state that the following *attached* paper(s) or fee(s)

Specification (133 pages); Claims (9 pages); One (1) Page Abstract

Sixty-six (66) Sheets of Drawings (Fig. 1 – Fig. 63)

Utility Patent Application Transmittal (PTO/SB/05), 2 pages w/ Addendum


Fee Transmittal (PTO/SB/17) in duplicate

(Unexecuted) Declaration and Power of Attorney, 3 pages

Two Return Receipt Postcards

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Karen R. Smith



Signature of person mailing paper or fee

(Express Mail Certificate)